

COMMONWEALTH AGRICULTURAL BUREAUX

Horticultural abstracts



COMMONWEALTH BUREAU OF HORTICULTURE AND PLANTATION CROPS

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APPLICATION								201	267			475			(02	770
New periodicals	***	 h	355		1	77	120	201	267	245	407	475	-010	(17	693	779
Books	702	400		BRC	818	77	139	201	267	345	407	475	555	617	693	779
Conference proceedings	204	***	978	500	1	77	139	202	268 268	345	407	476 476	555 555	618	604	779
Annual reports	195		027	·	4	78	139	202	268	345	407	477	556	620	694	780
Horticulture in various		riec	360	1.80	4	78	139	202	270	347	409	4//	330	620	093	700
Experimental technique				085	4	78	139	202	271	347	413	479	558	620	697	783
Breeding and selection		appai		982	215	79	137	202	4/1	347	413	-	558	621	697	-
Propagation	100	428	OBE	181	5	79	10	202	271	-	413	479	I DEV	621	697	784
Climate	BDA	254	360	885	5	79	139	202		347	_	480	ala_bin	621	697	11_
Management		T. Ta	360		5	121	139	202			413	480		621	697	784
Greenhouses	AGE	654	381	885	6	79	140	203	271	348	413	480	558	621	697	784
Crop protection	661	85.4	192	288	6	79	LB	203	271	348	414	481	558	621	698	784
Chemical residues	201	924	368	025	6	AL P	40	40	271	348	414	481	_0.00	622	TOLION	02
Morphology	661	5.5P	361	290	6	321	1V	100		-	V111	basis	558	10_0	698	9_
Physiology and biochen	nistry	000	Ide	095	7	80	140	203	271	348	414	481	558	622	698	784
Reproduction	103	130	SOF	188	-	127	76	25	-	348	_	DUILE	HER DI	U_975	1-410	785
Field equipment	105			182	7	80	140	203	272	348	414	481		622	699	0-
Handling and storage			302	195	7	80	-	-	272	348			559	STORY	19420	11-13
Quality	200		TUE	1.00	7	80		203			414	-	-	-970	699	785
Miscellany				***	7		-		272	31219	CHT,	STAS	LUNG	622	699	785
TEMPERATE TREE FRU	ITS A	ND N	UTS													
General	1016	354	100		7.	80	140	203	272	348	414	481	559	622	699	785
Miscellaneous	200	111	1000	115	7	80	100	4	272	348	414	481	559	622	699	785
Selection and varietie		***	700	757	27-	80	12	203			-		-	7	699	-
Propagation and plan	000	006	400		218	80	TR	-	-		77	482	-		699	785
Climate			200	1150	7	971	140	203		348		482	559	622	699	-
Management	***	***	- Cons	 E O D	7	BY	140	203	272	349	414	482	559	-	700	785
Soils and nutrition		5.6.5	***	***	7	90	140	202	272	349 349	414	482	559	11-011	700	785
Crop protection Physiology and bioch	namint		0110	800	995	80	140	203	272		414		559 560	622		785
The state of the s			-111	200	111	01	141		- 212	349	414	482	300	622	Income.	STI
Harvesting and handl	ing.	127	LAE	200	7	81	141	204	_	349		482		NOW !	o Simony	no.
Quality				***	-	-	141	207		347	-	482	RESIDE!	1933	700	785
	500		400		13.5	-		_	_		_	702	(wools	1 Carl	700	-
Almonds					8	81	141	204	273	349	414	482	560	622	700	785
	100	133	MOE	200	8	81	141	204	273	349	415	483	560	624	701	785
General	***			200	8.	81		204	273	349	415	483	560	-	701	785
Selection and varietie	es	EL	366	FUE	8	81	141	204	273	349	415	483	560	624	701	785
Propagation and plan	iting	***	***	***	8	82	141	204	273	350	415	483	560	624	701	786
Climate			***	2.04	9	83	142	1-	273	350	1-3	485	561	625	702	786
Management				***	10	83	142	205	274	351	416	485	562	625	702	786
Soils and nutrition		N.F.A	-BE		11	84	143	205	274	351	417	486	562	626	703	787
Crop protection	200	***		300	12	84	143	205	275	352	417	486	563	627	704	788
Physiology and bioch	nemist	ry	9.0.5		13	85	145	207	276	353	418	487	565	627	705	788
Reproduction	.02		000		14	85	145	207	277	353	419	487	566	628	707	789
Harvesting and handl	ing	***			15	85	145	208	277	354	419	488	566		709	790
Quality	02			***	15	86	146	208	278	355	419	490	568		710	790
				200	500	991	ST	209	3.7%		-	5736	573	-091	o Samuel	
	200		3.5.8	209	16	86	146	209	278	355	420	490	568		711	791
ent	***	***	***	***	16	86	147	209	279	355	420	491	568	631	711	791
	***	***	***	***	-	-	148	210	279	356	******	491		-	712	791
Cobnuts and hazels	***	***	***	***	-	87	148	210	_	356	1000	491	_	631	713	_

TEMPERATE TREE F	RU	TS A	ND I	NUTS													
Figs							87	148	-			421		-	631	713	791
Mulberries		•••				-	-	_	_	-	356	421	492		***	-	792
Peaches and nectari			***	***		16	87	149	210	279	356	421	492	569	631	713	792
Pears			***	***		18	88	150	211	281	357	422	494	570	633	714	793
Pecans and hickorie	s		***			19	89	151	212	282	358	423	494	571	634	715	794
Pistachios				***		19	89	151	-	282	-	423	494		634	715	
Plums, prunes and d	lams	ons	***		***	19	89	151	212	282	358	423	494	571	635	715	794
Quinces		***		***	***	19	89				358	-	-				794
Walnuts	•	***	***	***	***	19	89	152	212	283	358	423	-	572	635	716	794
Sundry crops				***	***	20	90		213	283	358	423	495	572		716	794
SMALL FRUITS AND	VII	NES									2.50	40.4	40.5	F70		717	704
General		• • •	•••	***	***	20	90	152	213	283	359	424	495	572	636	717	794 794
Actinidia species	. E			***	4	20	90	152 152	212	283	359	424	495	572	030	717	794
Currants		• • • •	•••	***	***	20	90	152	213	284	359	424	495	573		/1/	794
Gooseberries	-		***	***	***	20	90	133	413	284	339	424	473	313	1	Fights	174
Minor Ribes species Blackberries		3.0	THE	3 6 6	***	20	90	153	-	204	359	424	_	573	636	717	427
		4.00		200	***	20	90	153	213	284	359	424	495	573	636	717	795
Raspberries Minor Rubus specie		***	***	310		21	90	155	415	204	359	424	496	-	-	717	-
Vaccinium species	3	***		5.J. E	***	21	90	153	214	284	359	425	496	573	636	717	795
Strawberries		• • •			LAV S	21	91	154	214	284	360	425	496	574	637	718	795
Vines					1.50	22	92	155	215	286	360	427	497	575	638	719	796
General		***			3.12	22	92	-	215	286	_	427	497	575	638	719	796
Selection and var				***	1	22	92	155	215	287	360	428	497	575	638	719	796
Propagation and					***	23	92	155	215	288	360	428	498	575	638	719	796
Climate		1.0	Feet 1.		***	-	93	155	216	-	360	428	-	575	639	721	797
Management				245	1	23	93	155	216	288	361	428	498	575	639	721	797
Soils and nutritie			1000	***		23	94	156	217	288	361	428	499	575	639	722	797
Crop protection			400 %			24	94	156	217	289	361	429	499	576	639	723	798
Physiology and b	oiocl	nemis	try			24	95	156	218	290	361	429	499	576	640	724	No.
Reproduction				1		24	96	157	218	290	361	430	500	576	640	724	798
Harvesting and h	and	ling	***	1444	• • •	25	96	157	_	291	362	430	501	-	642	725	798
Quality		***				-	-	158	218	291	-	4000	501	576	642	725	798
By-products		• • •	***	***		-	-	61	-	291	362	-	-	The same	-	- 116	1000
Sundry crops			***	***	***	-	96	158	-	291	362	430	502	577	642	725	1000
VEGETABLES, TEMP	PER	ATE,	TRO	PICAL	AND												
GREENHOUSE																	
General		***	***	***		25	96	158	218	291	362	430	502	577	642	725	799
Alliaceae						26	97	159	218	292	362	432	503	577	643	726	799
Garlic		***	***	***	• • •	26	97	159		292	362	432	503	577	LITT IS	726	799
Leeks			***	***	***	26	97	159	218	-	362	-	503	45-10	643	726	799
Onions		•••	***	3 ***	***	26	98	159	219	292	363	432	503	577	643	727	800
Other Allium spe			***	***	•••	28	0.0	160	220	202	363	433	-	- 670	CAA	727	900
Chenopodiaceae		***	***	***	***	28 28	98	160	220 220	293 293	363 363	433	77.	579	644	727	800
Red beet		***	***	***		28	98	160	220	293	363	433	-	579	644	727	800
Spinach Spinach beet		***	***	***	***	-	70	160	221	293	303	433	in the same	319	044	121	800
			****	***	***	28	98	160	221	294	364	433	504	579	644	728	801
Compositae Artichokes (Jeru		m)	***			28	-			-	-	-	-	-	644	120	801
Artichokes (glob			***	***		28	_	_	221	-	364		504		645	Contract of the last	
Cardoons		2.88		4.1.1	1	-	,-1	+		_	-	-	-		-	-	100
Chicory			24.4			29	98	160	221	294	364	433	504	-	645	728	801
Endive			***	744.1		-	-		221	294	_	_	-	-		-	801
Lettuce						29	98	161	221	294	364	434	504	579	645	728	801
Salsify				(1.1.)		-	-	-	15	-	-	-	-	let be	- TTO STATE	-	-
Scorzonera				(880 E		-	-	162	-	294	-	-	-	-	-	729	-
Other composite	es					100	-	177	221	-	-	Meson	****	-	155,00	729	801
		***		1.2.1		30	99	162	222	295	364	434	505	580	646	729	801
Cruciferae				·		30	99	162	222	295	364	434	505	580	646	729	801
Brassicas		***	***			-	7-	-	222	-	366	77	507	581	_	-	a -
Brassicas Cress					***												
Brassicas Cress Radishes					***	.32	100	163	222	296	366	436	507	700	647	731	802
Brassicas Cress Radishes Watercress						32	-	-	-	-	-	-	507	-	647	731	-
Brassicas Cress Radishes Watercress Cucurbitaceae		***	•••		***	32	100	163	223	296	367	436	507 507	582	647	731 731	802
Brassicas Cress Radishes Watercress Cucurbitaceae Leguminosae			•••			32 32 34	100 102	- 163 165	223 225	296 299	- 367 368	- 436 438	507 507 509	582 583	647 647 649	731 731 733	802 803
Brassicas Cress Radishes Watercress Cucurbitaceae Leguminosae Beans (Phaseolus		•••	•••		•••	32 32 34 34	100 102 102	163	223 225 225	296	367	436	507 507	582	647	731 731 733 733	802 803 803
Brassicas Cress Radishes Watercress Cucurbitaceae Leguminosae Beans (Phaseolus		•••	***		•••	32 32 34 34	100 102 102	- 163 165	223 225	296 299	- 367 368	- 436 438	507 507 509	582 583	647 647 649	731 731 733 733	802 803 803
Brassicas Cress Radishes Watercress Cucurbitaceae Leguminosae Beans (Phaseolus		•••	•••		•••	32 32 34 34	100 102 102	163 165 165	223 225 225	296 299	- 367 368	- 436 438	507 507 509	582 583 583	647 -647 649 649	731 731 733 733	802 803 803
Brassicas Cress Radishes Watercress Cucurbitaceae Leguminosae Beans (Phaseolus		•••	•••		•••	32 32 34 34	100 102 102	- 163 165	223 225 225	296 299	- 367 368	- 436 438	507 507 509	582 583 583	647 -647 649 649	731 731 733 733	802 803 803

VEGETABLES, TEMPERATE,	TRO	PICAI	AND											
GREENHOUSE (continued)	455													
General				-01-0	-	165	225	299		438	-	-	649	- 803
Selection and varieties	E.2.P	1.36	- LIZ	34	102	87.0	20	299	368	7700	509	583	649	733 803
Propagation and planting	1111	B		200	102	165	225	299		438	509	15-150	649	733 803
Climate	1.0P		1.15	34	102	165	225	299	369	-	509	201	649	734 803
Management	***	200		34	I Para	165	225	-		438	510	583	650	734 –
Soils and nutrition		2.99		35	128	165	225	299	369	438	-	583	650	734 804
Crop protection	6.50	200	0.00	35	102	165	The		369	439	510	584	650	MAL TOTAL
Physiology and biochemis	stry	- 285	W. J. C.	35	102	165	226	299	369	439	510	584	651	734 804
Reproduction	HIP T	0.00	2000	Table 1	103	-	20	301	369	440		10-	651	735 -
Harvesting and handling	250	•••	113	COL	103	166	226	201	270	-	511		-	735 804
Quality	271	380	055	20	100	166	226	301	370	440	511	584	652	- 804
Beans (Vicia) Beans (Cyamopsis)	274	200	TOE	36	103	166	226	301	370 370	440	511	585	652	735 805
Peas	455	98E	100	37	103	166	227	302	370	440	511	585	652	736 805
Other con and St.			132	_	104	100		302	-		511	-	653	
Liliaceae – Asparagus	456.	386	322	38	188	166	228	303	371	441		586	653	737 806
Malvaceae – Okra		1		38	104		228	303	371	441	512	586	654	737 806
Polygonaceae - Rhubarb		386	108		104	144	The .	12.	4000	_	512	1	-	The sells
Solanaceae	15.6	386		38	104	167	228	303	371	441	512	587	654	738 806
Capsicums	45.6	386	126	38	104	167	228	303	371	441	512	587	654	738 806
Eggplants	456	185	322	39	105	167	230	304	372	442	513	587	655	739 807
Tomatoes	734	383	323	39	105	167	230	305	372	442	513	587	656	739 807
General	458.	-88E	E.S.E.	39	105	322	230	14	372	442	513	587	656	739 807
Selection and varieties	***		***	39	105	167	230	305	372	442	513	587	656	739 807
Propagation and plant	ing	***		40	105	168	230	305	373	442	513	588	656	740 807
Climate	8.00			40	106	168	231	305	373	443	513	-	656	740 807
Management	200			40	106	168	231	305	373	443	513	588	656	740 807
Soils and nutrition	024	000	200	41	106	169	231	306	374	443	514	589	657	741 808
crop protection		- WY	325	41	106	169	231	307	374	444	514	589	658	742 808 743 808
Physiology and bioche Reproduction	Think.		205	42	106	170 170	232	307	375 375	445	515 516	590 590	659	743 808 744 809
Reproduction Harvesting and handling	200	988	306	43	107	171	233	308	376	446	516	591	660	744 809
Quality				43	107	171	233	309	310	446	516	591	660	745 809
Umbelliferae	0.00	386	DEE	43	108	171	233	309	377	446	517	591	660	745 809
Carrots	605		OEE	43	108	171	233	309	377	446	517	591	660	745 809
Parsnips		***		_	_	_		-1/1	DITA	PVLAL	B TIME	Tiu	TLAI	OHOR ROLLO
Celery				44	108	172	234	309	377	446	517	591	662	745 —
Celeriac	403	0.00	OFE	44	109	172	62	309	_	446	-	591	_	Comman
Sundry crops	5.00	3.9.5	OFE	44	109	172	234	309	377	446	517	591	662	745 -
Mushrooms		190		45	109	173	234	310	377	446	518	592	662	745 809
ORNAMENTAL PLANTS														
General		0.55	1.00	45	109	173	235	310	378	448	518	592		746 810
Propagation and nursery ma					110	174	235	311	378	448	520	592		746 810
Weed control and plant prot	ection	- ger		45	110	174	-	311	379	448	520	592	663	746 010
Carnations and pinks Chrysanthemums	100	397	9.00	45	110	174	236 237	311	379 380	448 449	521 521	593 593	663	746 810 747 811
Geraniums or pelargoniums	676	198	***	46	112	175	238	313	380	449	521	593	664	748 811
Gerberas	465	808	332	40	113	176	238	313	300	449	521	293	664	749 811
Morning glories	465	998	111.0	621	113	176	230	313	_	707	100	594	664	749 811
Petunias	201	998	6.6.1	46	113	176	238	313	380	450	521	594		749 811
Primulas	466	685	333	325	113	SEL	00	_	_		mill	ner) b	negal	- 812
Snapdragons	999	400	EEE	225	951	130	238	-		_		594	664	749 812
Other annual and herbaceou	s plan			46	114	176	238	314	380	450	522	594	665	749 812
Bulbs, tubers, etc.—general	***	DOP	BEE	285	=	TEL		314	381	451	-	-1	666	751 -
Anemones	***	***		225	_	177	-		-	452	-	595	-1	Hall cos_
Begonias		***		47	114	177	239	314	-	452	523	595	666	751 813
Crocuses				-		55.	-	314	-	-		-		751 -
Cyclamen	0.00	000		47	-	100	240	314	201	450	523	-		751 -
Dahlias	334	000	***	47	114	177	240	314	381	452	523		666	751 813
Freesias	900	OOL		47	115	177	240	215	382	452		505	666	751 -
Gladioli	0.00	000	334	47	115	EE	240	315	382 382	452	_	595		752 813
Gloxinias Hyacinths	467	00=	***	_	115	177	240	_	382	_		_		752 813
VIII 113	125	400	65E	47	115	177	240	315	382	_	524	595		752 814
Lilies				47	115	-	240	315	382	452	524	595		752 814
		***			110			-						

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ORNAMENTAL PLANTS (con	tinued			40	116		240	316	383	453	524		667		814
Narcissi	DER	***	ODE	48	116	_	240	510	505	-	-	373	-	-	-
Nerines Tulips		E E	900	48	116	177	241	317	383	453	524	595	667	753	814
Other bulbs, tubers, etc.	22.4		905	48	116	178	241	317	383	453	525	595	668	754	815
Lawns and other turf		Dat.	985	48	116	178	242	317	383	453	525	596	668	754	815
Aquatic plants	11.24			50	701	-	-		384	-	-	-	669	HED IN	14-7
Bromeliads		G.)E.	ues	50	117	178	243	317	384	-		milin	OF B	-	815
Other foliage and succulent p	plants	303		50	117	179	243	318	385	453	525	596	669	755	815
Orchids		SHIE	1150	51	118	180	244	319	385	454	526 526	596 597	671	756 757	816
Trees and shrubs — general		389	4400	52 53	119	181	244	320 320	386	454	520	597	671		010
Bougainvilleas Camellias		200		-	-	102	245	320		-	527	597	-	131	817
Conifers	0.07	CLT E	2000	53	120	182	245	320	386	455	528	598	671	1410	7724
Heaths and heathers		OTE.		-	_	_	245	321	386	455	528	- (6)	672	s (C)	nied I
Hollies	440	0.7.6	300	53	80	182	245	321	386	455	528	598	-	757	817
Hydrangeas				54	120	182		321	-	-		598	672	O LOUIS TO	817
Ivies	444	1.5 2		7.0	120	182		321	386	456	528	598	672	757	817
Jasmines	1.10	33.3	5.05	-	-	100	4	-	-	-	-	- 19	672	758	817
Lilacs		***	•••	54	-	182	-	321	386 386	156	-44	598	672	758	1693
Magnolias	1.00	****	***	54 54	120	182	245	321	386	456 456	528	598	672	758	817
Poinsettias Rhododendrons and azaleas		***		54	121	182	245	322	387	456	529	599	673	758	817
Roses	1.1.5	200	7	54	121	183	246	323	387	457	529	599	673	758	817
Other trees and shrubs	1.1 1	0.50		55	122	183	246	323	388	458	530	599	673	760	818
MINOR TEMPERATE AND TH	ROPIC	AL													
INDUSTRIAL CROPS															
General	1.47	34.5	***	56	1077	-	-	325	-	459	-		675	7	_
Condiments and spices			3	56	123	185	248	325	389	459	531	600	675	761	820
Dyes	5.00	1.7	****	-	124	185	248	225	390 390	459	531	600	(75	760	820 820
Essential oils	***	****	14.8	57	124	186 187	248	325	390	459	221	-	675	762	020
Hard fibres Hops	•••	4.4	200	58	(1-1	187	7	326	390	460	532	601	676	763	820
		5.5	19.00												
Insecticidal plants				59	-	187	249	326	390	460	533	603	677	763	_
Insecticidal plants Medicinal plants				59 59	125	187 187	249	326 326	390 390	460	533	603	677	763 763	821
Medicinal plants Perennial fatty oil plants			E												
Medicinal plants Perennial fatty oil plants Sundry plants				59	125	187	249	326	390	460	533	603	677	763	821
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND I				59 62 62	125 129	187 192	249 252	326 330	390 396	460 463	533 537	603	677 - 680	763 767	821 823 823
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND F			 N	59 62 62	125 129 —	187 192	249 252 252	326 330 330	390 396 -	460 463 463	533 537 537	603	677	763 767 767	821 823 823
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND I CROPS General	···· ···· PLAN	 ratio	8 N	59 62 62	125 129 -	187 192 193	249 252 252 252	326 330 330 330	390 396 - 396	460 463 463 463	533537537	603	677 - 680 680	763 767 767	821 823 823
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND I CROPS General Avocados	···· PLANT	 ratio 	 N	59 62 62 62 62	125 129 - 129 129	187 192	249 252 252	326 330 330 330 330	390 396 - 396 396	460 463 463 463 463	533537537537537	603 - 606	677 - 680 680 680	763 767 767 — 768	821 823 823 - 823
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND F CROPS General Avocados Carobs	···· PLANT	 ratio	8 N	59 62 62 62 62 62	125 129 - 129 129	187 192 193 - 193	249 252 252 252 252 252	326 330 330 330 330	390 396 - 396 396 396	460 463 463 463 463	533 537 537 537 537	603 - 606 - 606	677 - 680 680 680 680	763 767 767 - 768	821 823 823 823
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND I CROPS General Avocados Carobs Citrus	PLANT	TATIO	 N	59 62 62 62 62	125 129 - 129 129	187 192 193	249 252 252 252	326 330 330 330 330	390 396 - 396 396	460 463 463 463 463	533537537537537	603 - 606	677 - 680 680 680 680	763 767 767 — 768	821 823 823 823
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND I CROPS General Avocados Carobs Citrus	···· PLANT	 ratio 	 N	59 62 62 62 62 62	125 129 - 129 129	187 192 193 - 193	249 252 252 252 252 252 - 252	326 330 330 330 330 - 331	390 396 - 396 396 396 396	460 463 463 463 463 - 464	533 537 537 537 - 538	603 - 606 - 606 - 606	677 - 680 680 680 680 680	763 767 767 - 768 - 768	821 823 823 - 823 - 823
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND F CROPS General Avocados Carobs Citrus General	PLANT	TATIO	 N	59 62 62 62 62 - 63 - 63	125 129 - 129 129 - 130 - 130	187 192 193 - 193 - 193 - 193	249 252 252 252 252 252 - 252 252 252	326 330 330 330 330 - 331 331 331 331	390 396 - 396 396 396 396 - 396	460 463 463 463 - 464 464	533 537 537 537 - 538 538	603 - 606 - 606 -	677 - 680 680 680 680 680 680 680	763 767 767 768 - 768 768	821 823 823 - 823 - 823 823 823 824
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND F CROPS General Avocados Carobs Citrus General Selection and varieties Propagation and planting Climate	PLANT	 	 N	59 62 62 62 62 63 63 64	125 129 - 129 129 - 130 - 130	187 192 193 - 193 - 193 - 193 193	249 252 252 252 252 252 252 252 252 252	326 330 330 330 330 - 331 331 331 332	396 396 396 396 396 396 - 396 397	463 463 463 463 - 464 464 464 -	533 537 537 537 537 - 538 538 540 540	603 606 606 606 606	677 - 680 680 680 680 680 680 680 681	763 767 767 - 768 - 768 768 768 769 769	821 823 823 - 823 - 823 823 823 824 824
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND F CROPS General Avocados Carobs Citrus General Selection and varieties Propagation and planting Climate Management	PLANT	 ratio	 N	59 62 62 62 62 - 63 - 63 64 64	125 129 129 129 - 130 - 130	187 192 193 - 193 - 193 - 193 193 193	249 252 252 252 252 252 252 252 252 253	326 330 330 330 330 - 331 331 331 332 -	396 396 396 396 396 396 - 396 397 397	463 463 463 463 - 464 464 464 - 464	533 537 537 537 537 - 538 538 540 540 - 541	603 - 606 - 606 - 606 - 606 - 606 - 607	677 - 680 680 680 680 680 680 681 681	763 767 767 - 768 - 768 768 769 769	821 823 823 - 823 - 823 823 824 824 824 824
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND H CROPS General Avocados Carobs Citrus General Selection and varieties Propagation and planting Climate Management Soils and nutrition	PLANT	 	 N	59 62 62 62 62 - 63 - 63 64 64 64	125 129 - 129 129 - 130 - 130 - 131	187 192 193 - 193 - 193 - 193 193 193 194	249 252 252 252 252 - 252 252 252 253 253	326 330 330 330 - 331 331 331 332 -	396 396 396 396 396 396 396 397 397 397	460 463 463 463 - 464 464 464 464 464 464	533 537 537 537 537 - 538 538 540 540 - 541 541	603 - 606 - 606 - 606 606 - 607 608	677 - 680 680 680 680 680 680 680 681 681 681	763 767 767 - 768 - 768 768 769 769 769 770	821 823 823 823 - 823 - 823 823 824 824 824 824
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND H CROPS General Avocados Carobs Citrus General Selection and varieties Propagation and planting Climate Management Soils and nutrition Crop protection	PLANT	 		59 62 62 62 62 - 63 - - 63 64 64 64 65	125 129 - 129 129 - 130 - 130 - 131 131	187 192 193 - 193 - 193 - 193 193 194 194	249 252 252 252 252 - 252 252 252 253 253 253	326 330 330 330 - 331 331 331 332 - 332	396 396 396 396 396 396 397 397 397 397 398	460 463 463 463 - 464 464 464 464 464 465	533 537 537 537 538 538 540 540 - 541 541 542	603 606 606 606 606 607 608 608	677 	763 767 767 768 - 768 768 769 769 770 770	821 823 823 823 - 823 823 823 824 824 824 824 824
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND H CROPS General Avocados Carobs Citrus General Selection and varieties Propagation and planting Climate Management Soils and nutrition Crop protection Physiology and biochemic	PLANT	 	N	59 62 62 62 63 - 63 64 64 64 65 66	125 129 - 129 129 - 130 - 130 - 131	187 192 193 - 193 - 193 - 193 193 193 194	249 252 252 252 252 - 252 252 252 253 253	326 330 330 330 - 331 331 331 332 -	396 396 396 396 396 396 396 397 397 397	460 463 463 463 - 464 464 464 464 464 464	533 537 537 537 538 538 540 540 - 541 541 542 543	603 	680 680 680 680 680 680 680 681 681 681 682 682	763 767 767 768 - 768 768 769 769 770 771	821 823 823 823 - 823 823 823 824 824 824 824 824 825
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND H CROPS General Avocados Carobs Citrus General Selection and varieties Propagation and planting Climate Management Soils and nutrition Crop protection	PLANT	 		59 62 62 62 62 - 63 - - 63 64 64 64 65	125 129 - 129 129 - 130 - 130 - 131 131	187 192 193 - 193 - 193 193 193 194 194 +	249 252 252 252 252 252 252 252 253 253 253	326 330 330 330 - 331 331 331 332 - 332 333	396 396 396 396 396 396 396 397 397 397 398 399	460 463 463 463 - 464 464 464 464 465 465	533 537 537 537 538 538 540 540 - 541 541 542	603 606 606 606 606 607 608 608	677 	763 767 767 768 - 768 768 769 769 770 770	821 823 823 823 - 823 823 823 824 824 824 824 824 825 825
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND H CROPS General Avocados Carobs Citrus General Selection and varieties Propagation and planting Climate Management Soils and nutrition Crop protection Physiology and biochemic Reproduction	PLANT	 	N	59 62 62 62 63 - 63 64 64 64 65 66 66	125 129 - 129 129 - 130 - 130 - 131 131	187 192 193 - 193 - 193 193 193 194 194 - 194	249 252 252 252 252 252 252 252 253 253 253	326 330 330 330 - 331 331 331 332 - 332 333 333	396 396 396 396 396 396 396 397 397 397 398 399 399	460 463 463 463 463 - 464 464 464 465 465 465	533 537 537 537 538 538 540 540 - 541 541 542 543 543	603 	680 680 680 680 680 680 680 681 681 681 682 682 683	763 767 767 768 768 768 769 769 770 770 771 771	821 823 823 823 - 823 823 823 824 824 824 824 824 825 825
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND F CROPS General Avocados Carobs Citrus General Selection and varieties Propagation and planting Climate Management Soils and nutrition Crop protection Physiology and biochemic Reproduction Harvesting and handling Quality By-products	PLANT	 	N	59 62 62 62 63 - 63 64 64 64 65 66 66 66	125 129 - 129 129 - 130 - 130 - 131 131 - 132 132	187 192 193 - 193 - 193 193 193 194 194 - 194 195	249 252 252 252 252 252 252 252 253 253 253	326 330 330 330 - 331 331 331 332 - 332 333 333 333 -	396 396 396 396 396 396 396 397 397 397 398 399 399 400 400	460 463 463 463 463 - 464 464 464 465 465 465 465	533 537 537 537 538 538 540 540 - 541 542 543 543 544 545 545	603 - 606 - 606 - 606 - 607 608 608 609 610 610 610	680 680 680 680 680 680 680 681 681 681 682 683 683 684	763 767 767 768 768 768 769 769 770 771 771 772 772 773	821 823 823 823 - 823 823 823 824 824 824 824 825 825 826
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND F CROPS General Avocados Carobs Citrus General Selection and varieties Propagation and planting Climate Management Soils and nutrition Crop protection Physiology and biochemic Reproduction Harvesting and handling Quality By-products Dates	PLANT	 	N	62 62 62 63 - 63 64 64 65 66 66 66 67 -	125 129 - 129 129 - 130 - 130 - 131 131 - 132 132 132	187 192 193 - 193 - 193 193 194 194 - 195 196 -	249 252 252 252 252 252 252 252 253 253 253	326 330 330 330 - 331 331 331 332 - - 332 333 333 333 333 333	396 396 396 396 396 396 397 397 397 397 399 400 400 400	460 463 463 463 463 - 464 464 464 465 465 465 466 466 466	533 537 537 537 538 538 540 540 - 541 542 543 543 544 545 545	603 - 606 - 606 - 606 - 607 608 608 609 610 610 610 610	680 680 680 680 680 680 680 681 681 681 682 683 683 684 684	763 767 767 768 768 768 769 769 770 771 771 772 772 773 773	821 823 823 823 - 823 823 823 824 824 824 824 825 825 826 826
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND F CROPS General Avocados Carobs Citrus General Selection and varieties Propagation and planting Climate Management Soils and nutrition Crop protection Physiology and biochemic Reproduction Harvesting and handling Quality By-products Feijoas	PLANT	 		62 62 62 63 - 63 64 64 65 66 66 66 67 -	125 129 - 129 129 - 130 - 130 - 131 131 - 132 132 - 132	187 192 193 - 193 - 193 193 193 194 194 - 195 196 - -	249 252 252 252 252 252 252 252 253 253 253	326 330 330 330 - 331 331 331 332 - 332 333 333 333 333 333 333	396 396 396 396 396 396 396 397 397 397 398 399 399 400 400	460 463 463 463 463 - 464 464 464 465 465 465 466 466 466	533 537 537 537 538 538 540 540 - 541 542 543 543 544 545 545	603 - 606 - 606 - 606 - 607 608 608 609 610 610 610 610 610	680 680 680 680 680 680 680 681 681 681 682 683 683 684 684	763 767 767 768 768 768 769 769 770 771 771 772 772 773 773	821 823 823 823 - 823 823 823 824 824 824 824 825 825 826 826 826
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND F CROPS General Avocados Carobs Citrus General Selection and varieties Propagation and planting Climate Management Soils and nutrition Crop protection Physiology and biochemic Reproduction Harvesting and handling Quality By-products Dates Feijoas Litchis	PLANT	 		62 62 62 63 - 63 64 64 65 66 66 67 -	125 129 - 129 129 - 130 - 130 - 131 131 - 132 132 - 132	187 192 193 - 193 - 193 193 193 194 194 195 196 - -	249 252 252 252 252 252 252 252 253 253 253	326 330 330 330 - 331 331 331 332 - - 332 333 333 333 - 334 334	396 396 396 396 396 396 397 397 397 397 399 400 400 400	460 463 463 463 464 464 464 465 465 465 466 466 466	533 537 537 537 538 538 540 540 - 541 542 543 543 544 545 545 545	603 - 606 - 606 - 606 - 607 608 608 609 610 610 610 610 610 610	680 680 680 680 680 680 680 681 681 681 682 683 683 684 684 684	763 767 767 768 768 768 769 769 770 771 771 772 772 773 773	821 823 823 823 - 823 823 823 824 824 824 824 825 825 826 826 826 826
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND F CROPS General Avocados Citrus General Selection and varieties Propagation and planting Climate Management Soils and nutrition Crop protection Physiology and biochemic Reproduction Harvesting and handling Quality By-products Dates Feijoas Litchis Longans	PLANT	 		62 62 62 63 - 63 64 64 65 66 66 67 - -	125 129 - 129 129 - 130 - 130 - 131 131 - 132 132 - 132 - 132	187 192 193 - 193 - 193 193 193 194 194 - 195 196 - -	249 252 252 252 252 252 252 252 253 253 253	326 330 330 330 - 331 331 331 332 - - 332 333 333 333 - - 334 334	396 396 396 396 396 396 397 397 397 397 399 400 400 400	460 463 463 463 463 464 464 464 465 465 465 466 466 466	533 537 537 537 538 538 540 540 - 541 542 543 543 544 545 545 545	603 - 606 - 606 - 606 - 607 608 608 609 610 610 610 610 610	680 680 680 680 680 680 680 681 681 681 682 683 683 684 684	763 767 767 768 768 768 769 769 770 771 771 772 772 773 773 -	821 823 823 823 823 823 823 824 824 824 824 825 825 826 826 826
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND H CROPS General Avocados Carobs Citrus General Selection and varieties Propagation and planting Climate Management Soils and nutrition Crop protection Physiology and biochemic Reproduction Harvesting and handling Quality By-products Dates Feijoas Litchis Loquats	PLANT	TATIO	N	62 62 62 63 - 63 64 64 65 66 66 67 -	125 129 - 129 129 - 130 - 130 - 131 131 - 132 132 - 132	187 192 193 - 193 - 193 193 193 194 194 195 196 - -	249 252 252 252 252 252 252 252 253 253 253	326 330 330 330 - 331 331 331 332 - - 332 333 333 333 - 334 334	396 396 396 396 396 396 397 397 397 397 399 400 400 400	460 463 463 463 464 464 464 465 465 465 466 466 466	533 537 537 537 538 538 540 540 - 541 542 543 543 544 545 545 545 - 546 - -	603 - 606 - 606 - 606 - 607 608 608 609 610 610 610 610 - - -	680 680 680 680 680 680 680 681 681 681 682 683 684 684 684 684	763 767 767 768 768 768 769 769 770 771 771 772 772 773 773	821 823 823 823 823 823 823 824 824 824 824 825 825 826 826 826
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND F CROPS General Avocados Citrus General Selection and varieties Propagation and planting Climate Management Soils and nutrition Crop protection Physiology and biochemic Reproduction Harvesting and handling Quality By-products Dates Feijoas Litchis Longans Loquats	PLANT	 		62 62 62 63 - 63 64 64 65 66 66 67 - - 67	125 129 - 129 129 - 130 - 130 - 131 131 - 132 132 - 132 - 132	187 192 193 - 193 - 193 193 193 194 194 - 195 196 - -	249 252 252 252 252 252 252 252 253 253 253	326 330 330 330 - 331 331 331 332 - - 332 333 333 333 - - 334 334	396 396 396 396 396 396 397 397 397 398 399 400 400 400	460 463 463 463 463 464 464 464 465 465 465 466 466 466	533 537 537 537 538 538 540 540 - 541 542 543 543 544 545 545 545	603 - 606 - 606 - 606 - 607 608 608 609 610 610 610 610 610 610	680 680 680 680 680 680 680 681 681 681 682 683 683 684 684	763 767 767 768 768 768 769 769 770 771 771 772 772 773 773	821 823 823 823 823 823 823 824 824 824 824 825 825 826 826 826 826
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND F CROPS General Avocados Citrus Selection and varieties Propagation and planting Climate Management Soils and nutrition Crop protection Physiology and biochemic Reproduction Harvesting and handling Quality By-products Dates Feijoas Litchis Longans Loquats Macadamias Olives Passion fruit	PLANT	TATIO	N	59 62 62 62 63 - 63 64 64 65 66 66 67 - - 67 67	125 129 - 129 129 - 130 - 130 - 131 131 - 132 132 - 132 - 132 - 133 133	187 192 193 - 193 - 193 193 194 194 - 195 196 - - - -	249 252 252 252 252 252 252 252 253 253 253	326 330 330 330 - 331 331 331 332 - - 332 333 333 333 - 334 334	396 396 396 396 396 396 397 397 397 398 399 400 400 - - - 400	460 463 463 463 463 464 464 464 465 465 465 466 466 466 466	533 537 537 537 538 538 540 540 - 541 542 543 543 544 545 545 545 - 546 - 546	603 - 606 - 606 - 606 - 607 608 608 609 610 610 610 610 - 610	680 680 680 680 680 680 680 681 681 681 682 683 684 684 684 684	763 767 767 768 768 768 769 769 770 771 771 772 773 773 -	821 823 823 823 823 823 823 824 824 824 824 825 825 826 826 826 826
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND F CROPS General Avocados Citrus General Selection and varieties Propagation and planting Climate Management Soils and nutrition Crop protection Physiology and biochemic Reproduction Harvesting and handling Quality By-products Dates Feijoas Litchis Longans Loquats Macadamias Olives Passion fruit Persimmons	PLANT	TATIO	N	59 62 62 62 63 - 63 64 64 65 66 66 67 - 67 67 67	125 129 - 129 129 - 130 - 130 - 131 131 - 132 132 - 132 - 132 - 133 133 133 133 133	187 192 193 - 193 - 193 193 193 194 194 - 196 - - 196	249 252 252 252 252 252 252 252 253 253 253	326 330 330 330 - 331 331 331 332 - - 332 333 333 333 - 334 334 334 334 334	396 396 396 396 396 396 397 397 397 398 399 400 400 - - - 400 400	460 463 463 463 463 464 464 464 465 465 465 466 466 466 466	533 537 537 537 538 538 540 540 - 541 542 543 543 544 545 545 545 - 546 - 546 -	603 - 606 - 606 - 606 - 607 608 608 609 610 610 610 610 610 610 610 610	680 680 680 680 680 680 680 681 681 681 682 683 684 684 684 684 684	763 767 767 768 768 768 769 769 770 771 771 772 773 773 - 773	821 823 823 823 823 823 823 824 824 824 824 825 825 826 826 826 826 826 826 827
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND F CROPS General Avocados Citrus General Selection and varieties Propagation and planting Climate Management Soils and nutrition Crop protection Physiology and biochemic Reproduction Harvesting and handling Quality By-products Pates Feijoas Litchis Longans Loquats Macadamias Olives Passion fruit Persimmons Pomegranates	PLANT	TATIO	N	59 62 62 62 63 - 63 64 64 65 66 66 67 - 67 67 67	125 129 - 129 129 - 130 - 130 - 131 131 - 132 132 - 132 - 132 - 133 133 133 133	187 192 193 - 193 - 193 193 193 194 194 - 196 - - 196 -	249 252 252 252 252 252 252 252 253 253 253	326 330 330 330 - 331 331 331 332 - - 332 333 333 333 - 334 334 334 334 334 334	390 396 396 396 396 396 397 397 397 398 399 400 400 400 400 400 400	460 463 463 463 463 464 464 464 465 465 465 466 466 466 466	533 537 537 537 538 538 540 540 - 541 542 543 543 544 545 545 545 - 546 - 546 - 546 -	603 - 606 - 606 - 606 - 607 608 608 609 610 610 610 610 - 610 610 - 611 -	680 680 680 680 680 680 680 681 681 681 682 683 684 684 684 684 684	763 767 767 768 768 768 769 769 770 771 771 772 772 773 773 773 773	821 823 823 823 823 823 823 824 824 824 824 825 826 826 826 826 826 827 827
Medicinal plants Perennial fatty oil plants Sundry plants SUBTROPICAL FRUIT AND F CROPS General Avocados Carobs Citrus General Selection and varieties Propagation and planting Climate Management Soils and nutrition Crop protection Physiology and biochemic Reproduction Harvesting and handling Quality By-products Dates Feijoas Litchis Longans Loquats Macadamias Olives Passion fruit Persimmons	PLANT	TATIO	N	59 62 62 62 63 - 63 64 64 65 66 66 67 - 67 67 67	125 129 - 129 129 - 130 - 130 - 131 131 - 132 132 - 132 - 132 - 133 133 133 133 133	187 192 193 - 193 - 193 193 193 194 194 - 196 - - 196 -	249 252 252 252 252 252 252 252 253 253 253	326 330 330 330 - 331 331 331 332 - - 332 333 333 333 - 334 334 334 334 334 334 3	396 396 396 396 396 396 397 397 397 398 399 400 400 400 400 400 400 400	460 463 463 463 463 464 464 464 465 465 465 466 466 466 466	533 537 537 537 538 538 540 540 - 541 542 543 543 544 545 545 545 546 - 546 - 546	603 - 606 - 606 - 606 - 607 608 608 609 610 610 610 610 610 - 610 610 610 610	680 680 680 680 680 680 680 681 681 681 682 683 684 684 684 684 684 684 684 685 685	763 767 767 768 768 768 769 769 770 771 771 772 772 773 773 773 773	821 823 823 823 823 823 823 824 824 824 824 825 826 826 826 826 826 827 827

SUBTROPICAL FRUIT AND	PLANTATIO	N						dW!					
CROPS (continued)													
Tung		***				-	-	-	-	-	-	-	-
Sundry crops					-	334	401	-	547	-	_	_	827
TROPICAL FRUIT AND PLA	NTATION CH	ROPS											
General	MOLE	S. J. P. B.	68 1	34 -	256	334	401	467	547	611	685	-	827
Annona species			68 1	34 -	256	(TECH	401	467	547	_	685	773	_
Arecanuts		*** ***	020	- 196	256	-	-	-	547		-	-	-
Bananas and abaca			68 1	34 196	256	335	401	467	547	611	685	773	827
Cacao			68 1	34 196	-	335	402	468	548	611	686	773	828
Cashews			68 1	34 197	-	335	-	469	-	612	686	773	828
Coconuts		(69 1	35 197	257	335	-	469	550	612	686	774	828
Coffee			69 1	35 197	257	336	402	469	550	613	687	774	829
Cola	9.10		The critic	- A TR	STATE	A-CT	403	-	551		-	-	-
Guavas			69 1	35 197	258	337	-	-	551	614	687	774	829
Mangoes			70 1	35 197	258	338	403	470	551	614	687	774	829
Oil palms		The WA	70 1	36 198	258	338	403	470	552	614	688	-	830
Pawpaws	Well, n. H.S.			36 198		338	403	470	552	614	689	775	830
Pineapples	3.8 .mm			36 -	259	339	403	471	552	614	689	775	830
Rubber	Hond Tong	1	72 1	36 198	260	339	403	471	552	615	689	775	831
Sapodilla	and most		7 000		-	_	-	-	To b		690	Jan 1	THE
Sugar cane			72 1	36 198		340	405	471	553	615	690	776	831
General		***		- 198		340	-	471	553	-	-	776	-
Selection and varieties			72 -	- 198	261	340	405	_	553	615	-	-	831
Propagation and planting		[18]	72 -	THESTER	261	340	-	-	553	-	690	776	-
Climate			-	- 199	-	340		471	-	-	690	-	831
Management			73 1	36 199	262	341	405	471	553	615	690	-	831
Soils and nutrition	Ed	D	73 1	36 -	262	341	405	471	553	615	690	776	832
Crop protection	***	(1	- 1	37 199	263	341	-	472	553		690	776	832
Physiology and biochemi	istry		-2 1	37 -	263	1 88110	405	-	553	-	-	776	832
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Symbol	Unit or Prefix	Symbol	Unit or Prefix	Symbol	Unit or Prefix
	Omi or Frejix				Onn or Treja
a	are	g	gramme	μbar	microbar
A	ampere	Ğ	giga-	min	minute (time)
Å	angstrom	gal	gallon	mol	mole
atm	standard atmosphere	h	hecto-	n	nano-
Btu	British thermal unit	h	hour	Ω	ohm
bu	bushel	hp	horsepower	oz	ounce
c	centi-	hz	hertz	р	pico-
°C	degree Celsius	in	inch	pt	pint
cal	calorie	J	joule	q	quintal
cd	candela	k	kilo-	qt	quart
Ci	curie	î	litre	R	roentgen
ctl	cental	1b	pound	rad	rad (amount of
cwt	hundredweight	lbf	pound-force		absorbed radiation)
d	deci-	lm	lumen	S	second (time)
da	deca-	lx	lux	t	tonne (metric ton)
erg	erg	m	metre	T	tera-
	femto-	m	milli-	ton	ton
f F	degree Fahrenheit	mbar	millibar	V	volt
fl oz	fluid ounce	M	mega-	w	watt
ft	foot	μ	micro-	yd	yard
SYMBOLS	FOR LANGUAGES				101 10110
Af Afrik		Fi Fin	nish	Nl Dutc	h and Flemish
Ar Arab		Fr Fre	Andreas de la companya del companya de la companya del companya de la companya de		vegian
Be Belon	ussian	Gr Gre	ek	Pl Polis	
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68	828	12	For '0-4.7 γ HCH' read '0-4.7 mg/kg γHCH'
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